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BASF AG

*DE 3314-395-A

21.04.83, DE-314395 (25.10.84) B01d-03/28 B01j-14 B01j-19
Column for chemical reaction and distillative fractionation. has zone
with elongated partition

C84-115559

CLAIMED PROCESS

One or more reactants are fed, normally with a catalyst,
into a column wherein they form a mixt. of prods. which are
simultaneously sepd. by fractional distn. in the same column.
Over a central length of the column a vertical partition partly
or completely prevents lateral mixing movement of liq. and/or
vapour streams and divides the column into reaction and distn.
sections.

One or more medium boiling fractions consisting of reactants
and/or their prods. and free of contamination by head or
sump fractions are extracted in vapour or liq. form.

USE/ADVANTAGE

Suitable for esterification, saponification, acetal prodn.
etc. Reaction is in optimum conditions, and reduced dilution
of catalyst lessens the amt. needed. (9pp1400RBHDwgNo0/2).

DE3314395-A

= EP 126 288